

Coaxial Low-pass Filter

DC-25 MHz/SMA Female

Model: TLLF-DC-25M-L

TLLF-DC-25M-L is a coaxial low-pass filter with a passband frequency from DC to 25 MHz and a rejection frequency @35 MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range DC to 25MHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

电气特性 Electrical Characteristics:

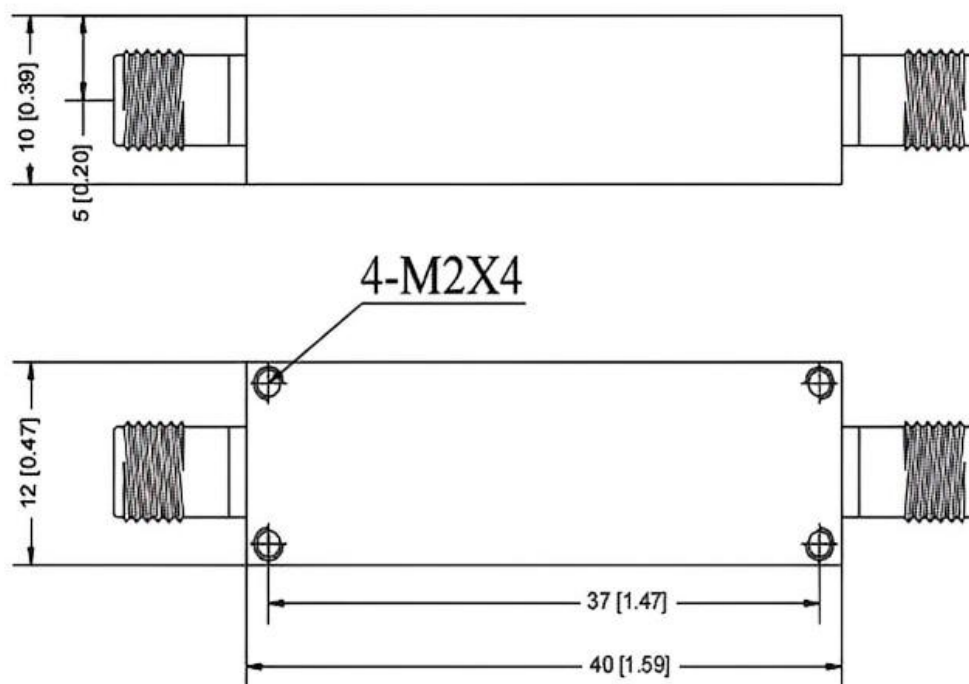
参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	DC		25	MHz
通带插损 Passband Insertion Loss			1.5	dB
带内波动 Pass band Ripple			1.3	dB
带外抑制 Rejection	>40dB@35MHz			
耐受功率 Power Handling			2	W
驻波 VSWR			1.5	:1
阻抗 Impedance	50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	40*12*10	mm

外形图 Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

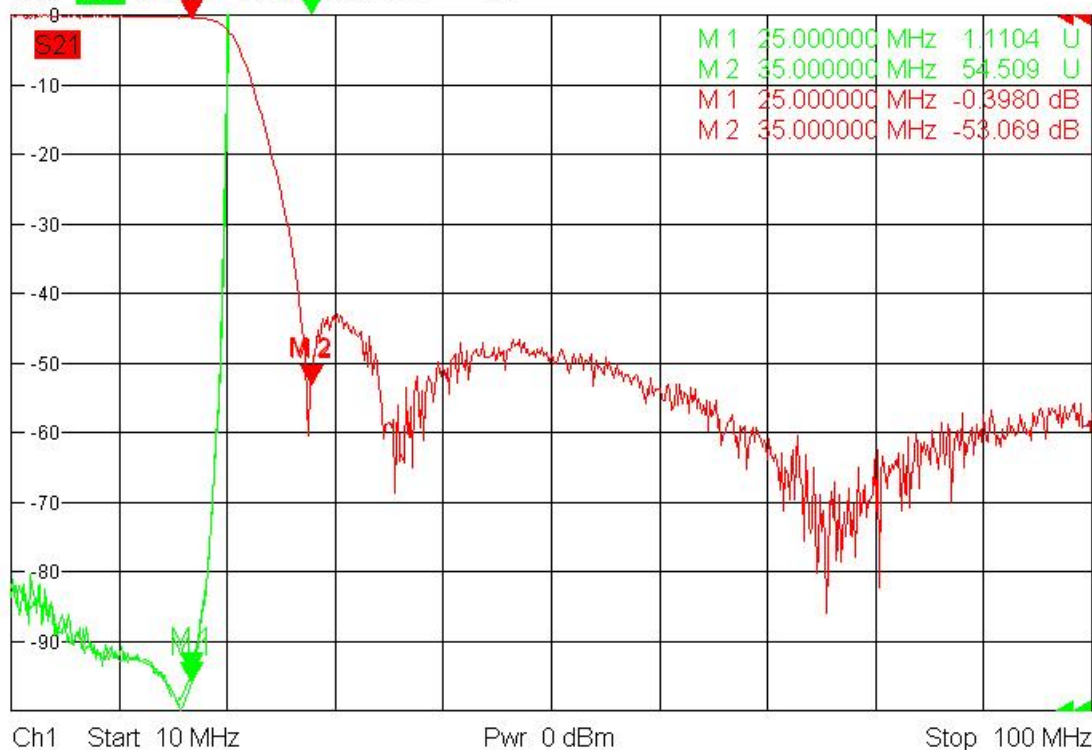
标准型号 Base Number	描述 Description	版本号 Revision
TLLF-DC-25M-L	Coaxial Low-pass Filter, Passband frequency range: DC-25MHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0

典型曲线 Typical Performance Data:

Trc1 **S11** SWR 200 mU/ Ref 1 U Cal
Trc2 **S21** dB Mag 10 dB / Ref 0 dB Cal
Trc3 **S21** dB Mag 10 dB / Ref 0 dB Cal
Trc4 **S22** SWR 200 mU/ Ref 1 U Cal



1



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.